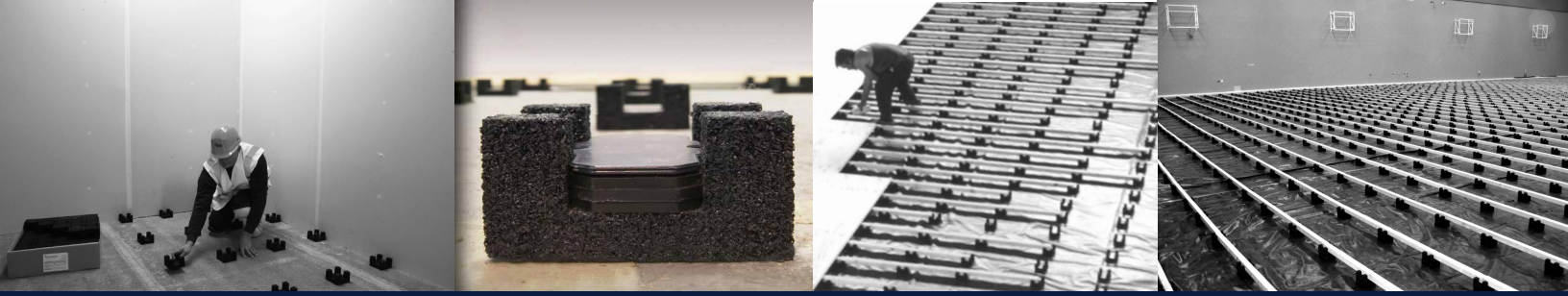




# high- performance sport floor systems

**EASILY INSTALL AN OLYMPIC STANDARD  
FLOOR AT A NOVICE PRICE TAG**



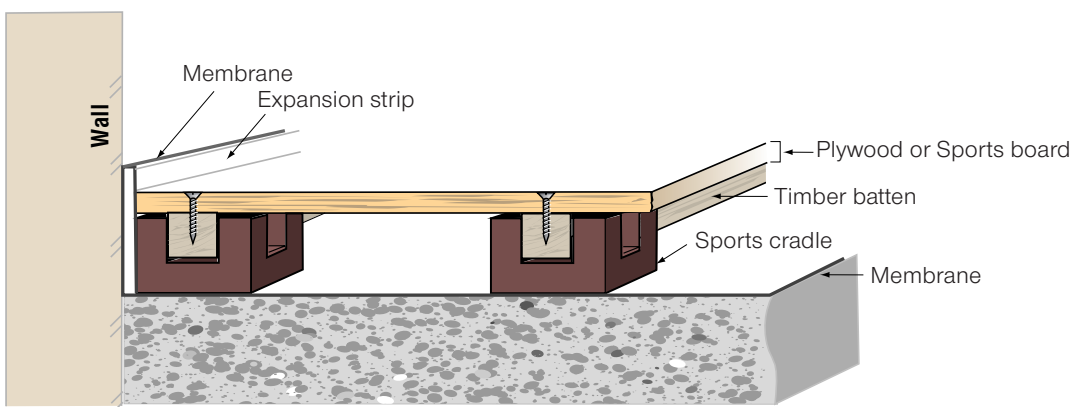


# sports cradle and batten system

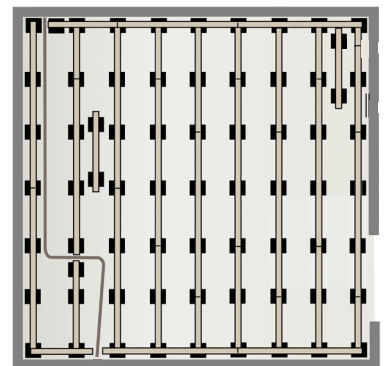
Introducing the new standard for indoor sports flooring. Combine these specialized rubber crumb cradles and base packers with timber battens to create a floor system that is versatile, fully adjustable on site and suited for installation on uneven floors. The system requires absolutely no cement, which means there's zero drying time — only construction time.

## PERFECT FOR

- SPORTS COMPLEXES AND GYMNASIUMS
- NEW BUILDINGS
- REFURBISH OLD FLOORS
- MULTI-USE AND RECREATIONAL AREAS
- EXAMINATION HALLS
- DANCE AND EXERCISE STUDIOS

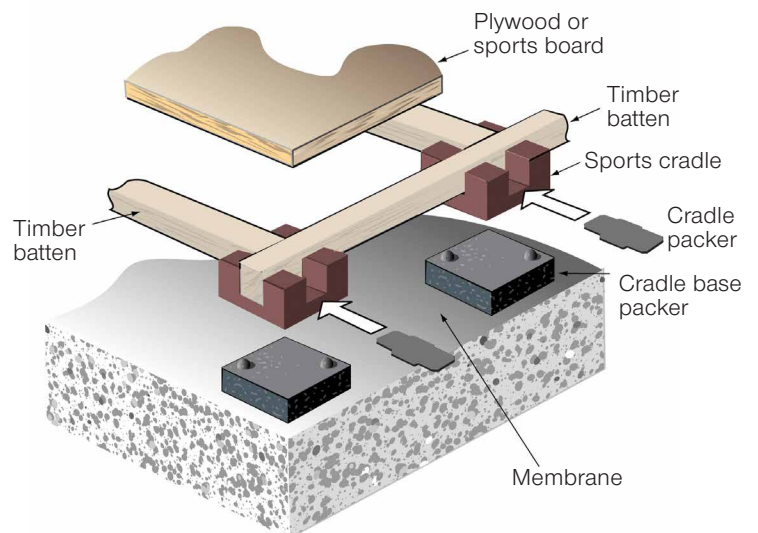


top down view



## about InstaSport

- High performance sports cradles with floor levelling system
- Patented rubber crumb cradles are made from recycled tires and guaranteed to last for 60 years
- Environmentally friendly: one recycled car tire makes 18 InstaCradles



# perfectly level floor every time

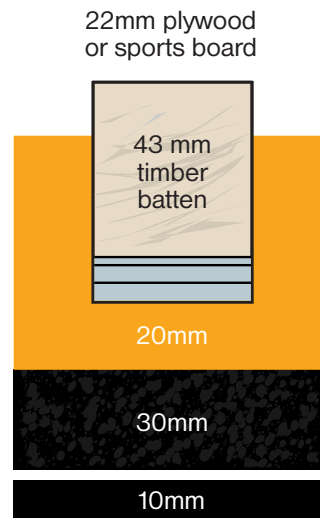
No matter the shape of the sub-floor or the design criteria, InstaSport's patented design is a cost-effective way to leave a laser finish every time. By using different sizes of cradle packers and cradle base packers, it's easy to make a variety of height adjustments at every point of the installation.

Each cradle comes with cradle packers in 2mm or 5mm heights, and base packers that are either 10mm or 30mm high. These may be used in multiples to easily achieve the desired finished floor height in a matter of minutes.

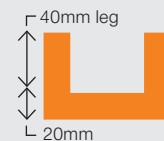
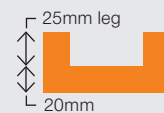
## benefits

- Zero maintenance
- Cost-effective and easy to install
- Suitable for all types of structural sub-floors – no preparation required
- Run various services under the floor space, including heating
- High performance long lasting systems with a 60-year guarantee
- Adjustable for varying heights in the structural sub-floor and finished floor
- Cradles are unaffected by moisture
- Can include access hatches and fittings for permanent sports equipment
- Avoid the expensive cost of replacing the concrete screed if it fails
- Shock absorption helps dampen sound
- Complies with EN 14904 and BS 6399: Part 1

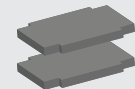
system	SP18/25	SP18/43	SP18/43	SP21/25	SP22/43
<b>Cradle Spacings (mm)</b>	400 x 300	400 x 600	400 x 600	390 x 300	504 x 600
<b>Sports Cradle</b>	20mm Base, 25mm Leg	20mm Base, 40mm Leg	20mm Base, 40mm Leg	20mm Base, 25mm Leg	20mm Base, 40mm Leg
<b>Batten Size (mm)</b>	25 x 43 x 1800	43 x 43 x 1800	43 x 43 x 1800	25 x 43 x 1800	43 x 43 x 1800
<b>Plywood Thickness (mm)</b>	18	18	18	n/a	n/a
<b>Sports Board Thickness (mm)</b>	n/a	n/a	n/a	21	22
<b>InstaSport Finished Floor Height (mm)</b>	63 -> 83	81 -> 116	81 -> 116	66 -> 86	85 -> 120
<b>Floor Finish</b>	Plywood + Gerflor Tarax Sport M Evolution (7.0mm)	Plywood+Herculean MF 5+2 (7.0mm)	Plywood+IL30hg & Floorworks LVT (3.0mm)	Weitzer Parkett Trend Sport	Tarkett Sports Board
<b>test results</b>					
<b>EN 14904 Performance</b>	C4	C4	C4	A4	A4
<b>Shock Absorption (%)</b>	61	64	60	60	64
<b>Requirement of EN 14904 Type C4/A4 (%)</b>	55 < 75	55 < 75	55 < 75	55 < 75	55 < 75
<b>Vertical Deformation (mm)</b>	2.5	3.1	2.8	2.6	2.8
<b>Requirement of EN 14904 Type C4/A4 (%)</b>	2.3 < 5.0	2.3 < 5.0	2.3 < 5.0	2.3 < 5.0	2.3 < 5.0
<b>Vertical Ball Behaviour (%)</b>	103	92	100	94	99
<b>Basketball Requirement of EN 14904 (%)</b>	90	90	90	90	90
<b>Resistance To Rolling Load</b>	no indentation or damage				
<b>Requirement of EN 14904 (1,500 N)</b>	Maximum indentation shall be 0.5mm under a 300mm straight edge and no perceivable damage shall be observed after the test.				



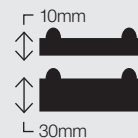
## components



Sports Cradles



Cradle Packers  
2mm and 5mm



Cradle Base Packers



Timber Battens

2.4 m 1.2 m

Plywood

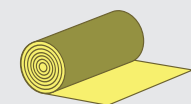
Various Dimensions

Sports Board

2m x 150mm x 20mm

Expansions Strip

Plywood - Screws and Glue  
Sports Board - Porta Nails



Thermal Insulation (optional)



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